



**Additional file 3. Gating strategies for Th1, Th2, Th1Th17, Th17 and Treg subpopulations.** Staining with four fluorochrome-labelled antibodies (CD4-FITC, CXCR3-PERCP-CY5.5, CCR4-APC, CCR6-PE) was performed to specifically identify the Th1, Th2, Th1Th17 and Th17 subsets. Staining with three fluorochrome-labelled antibodies (CD4-PE, CD25-APC, Foxp3-FITC) was used to identify the Treg subset.